780.29643CX3 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Thomas J. CAMPANA, Jr. et al

Serial No.:

09/161,462

Filed:

September 28, 1998

For:

ELECTRONIC MAIL SYSTEM WITH RF COMMUNICATIONS TO MOBILE PROCESSORS

Group:

2744 William Trost IV Examiner

Batch:

E58

SUBMISSION OF CORRECTED FORMAL DRAWINGS

Assistant Commissioner for Patents Washington, D. C. 20231 December 3, 1999

Sir:

Submitted herewith are twelve (12) sheets of Formal Drawings (bristol boards) showing Figs. 1-12 in the above-identified application in compliance with the provisions of Rule 84 and as requested by the Examiner in the PTO 948 mailed with November 22, 1999 Notice of Allowance (Paper No. 9).

Respectfully submitted,

ANTONELLAI, TERRY, STOUT & KRAUS, LLP

Donald E. Stout

Registration No. 26,422

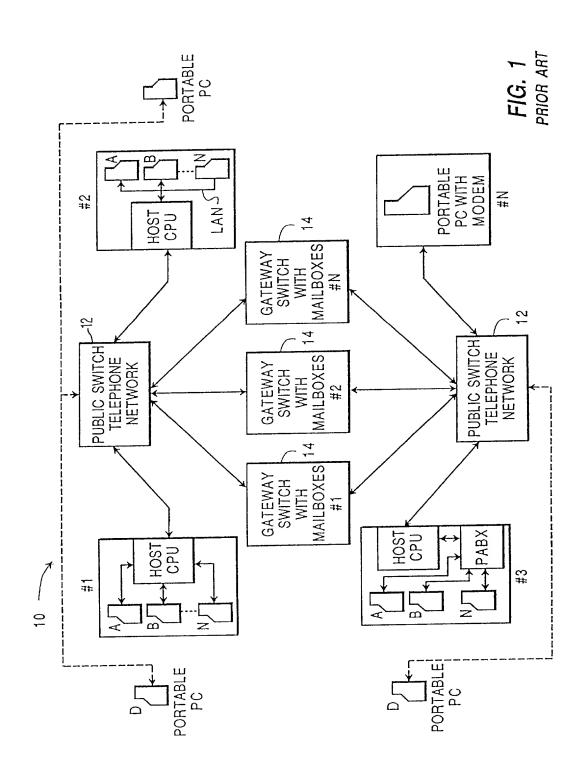
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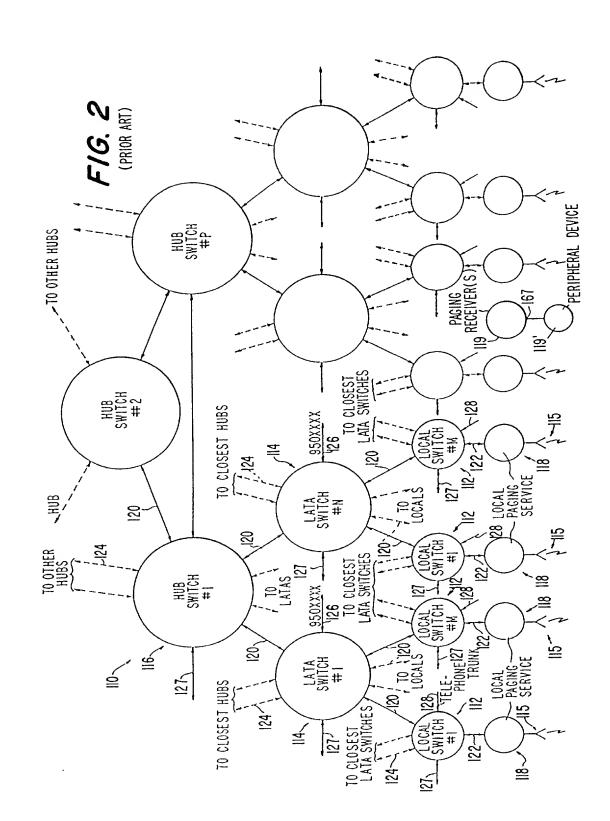


FIG. 3 (PRIOR ART) MAP **SWITCH MEMORY** LOCAL 156 158 160 154 SUBSCRIBER FILES N (9999) LOCAL FREQUENCY LATA FILES N (1,000) **BUFFERS BUFFERS** 184 162\ INBOUND (0,000) FILE#1 FILE 1 (1,000) 164 **PAGES** 0-15 FRE-**INBOUND** ② TELEPHONE # 166 0 (3) SUBSCRIBER AND PAGER ID CODE LATA QUENCIES USED 168~ SERVICE OPTIONS **BUFFER** IN REGION COR-@ NO SERVICE RESPONDING TO (b) LOCAL FILE # 180 © REGIONAL 2 **(d)** NATIONAL 3 ABOVE WITH REPEAT PAGING 4 ① DATA SERVICE **9** EXTERNAL DATA 170 \ 186 **5** SUBSCRIBER NAME/ACCOUNT **OUTBOUND** 172 6 ACCOUNT # 5 LATA 174 ① PAGE COUNT (L,R,N) **BUFFER** 176 (8) # OF DATA CHARACTERS SENT 6 178 DESTINATIONS AREA CODE(S) 7 182 8 FILE # N (999) FILE # N (9999) 9 ID CODE

BUFFERS

F1G. 4

		(PRIOR AI Lata Switch Mi 190	RT) EMORY MAP 192	194	196
188 🛌	HUB BUFFERS	LOCAL BUFFERS	LATA ID MEMORY	OPTIONAL	OPTIONAL
198 —	OUTBOUND PAGES	INBOUND PAGES 202 OUTBOUND PAGES LOCAL # 1	ALL PAGER ID CODES OF LOCAL#1	ALL CALL BUFFER PAGES FROM	BUFFER PAGES FROM
200 —	INBOUND PAGES	204 204 OUTBOUND LOCAL # N (25)	ALL PAGER ID CODES OF LOCAL ≠ N (26)	HUB SWITCH	LOCAL SWITCHES

FIG. 5 (PRIOR ART)

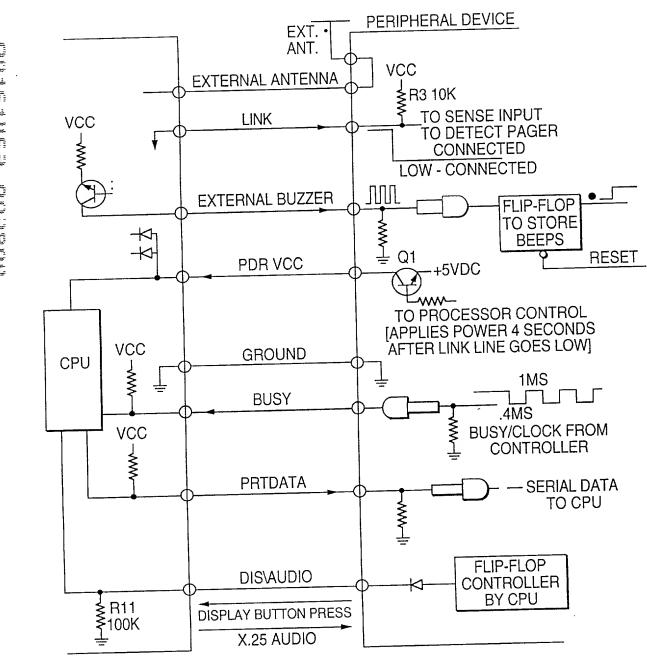
		HUB SWITCH	MEMORY MAP					
	206	208	210	212				
	HUB BUFFERS	LATA BUFFERS	LATA CODE TABLES N (100)	HUB ROUTING CODES N (1000)				
	INBOUND HUB# 1	INBOUND LATA #1	LATA	ROUTING CODE 1,2,3,4,5,6 (312)				
		218	CODE 222 # 1					
a /								
214								
	INBOUND HUB # N (6)	INBOUND LATA # N (100)						
	OUTBOUND HUB I	OUTBOUND LATA I						
								
į								
		220 ——						
/								
216								
	-							
			LATA CODE					
	OUTBOUND HUB # N (6)	OUTBOUND LATA # N (100)	# N (100)	ROUTING CODE ≠ N (999)				

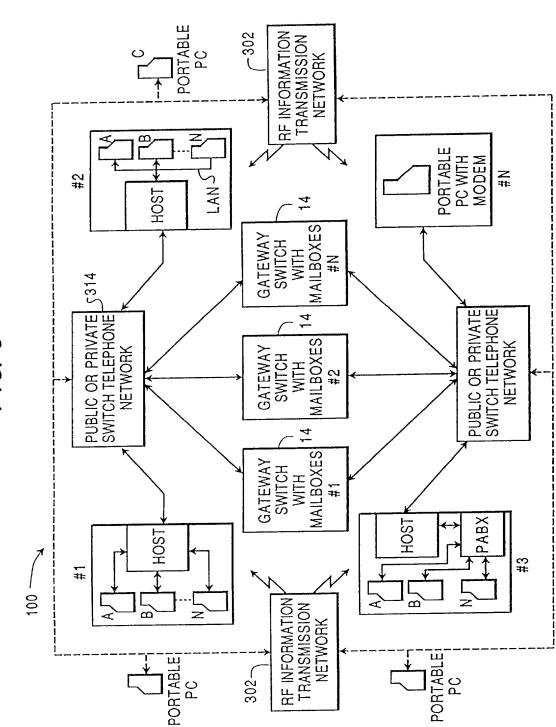
FIG. 6 PRIOR ART

END OF FILE FILE SIZE **PAGEN** PAGE PAGE 4 DESTINATION(S) SPECIAL COMMANDS MESSAGE DETAIL - B DIGIT ID CODE AREA CODES PAGE 3 THE FIVE LAYER MODIFIED X .25 PACKET PAGE 2 PAGE 1 (5) NUMBER OF PAGES IN PACKET 4 ORIGINA- DESTI-TION NATION SWITCH SWITCH ADDRESS ADDRESS (e) PACKET SIZE (2) DESTI-NATION TELEPHONE NUMBER

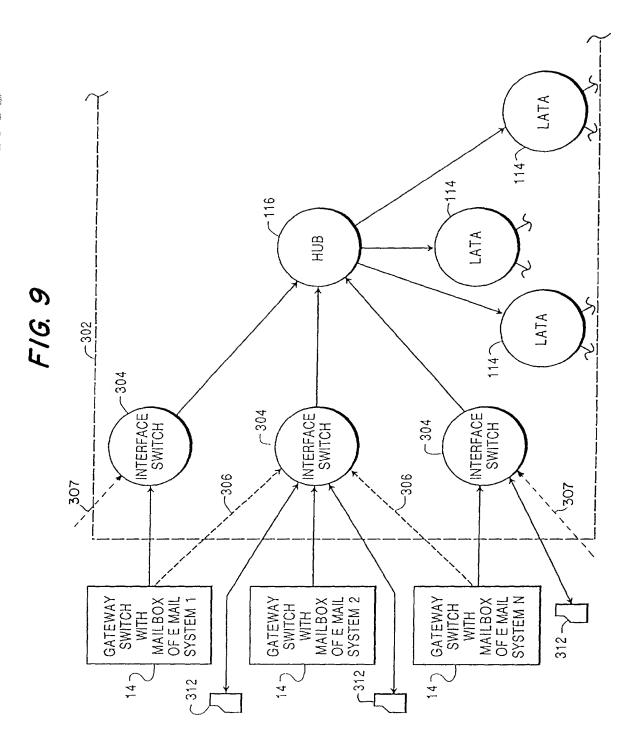
!-- BEGINNING OF FILE

FIG. 7
PRIOR ART

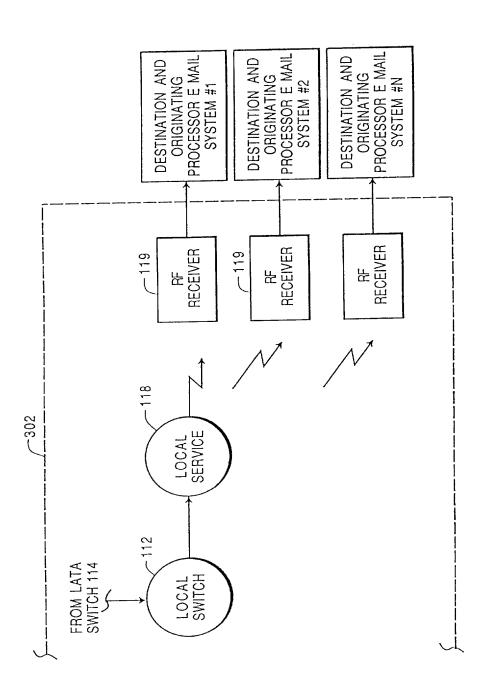




F1G. 8



F1G. 10



INTERFACE SWITCH 304	ADDS ID OF RF RECEIVER 119	NO ACTION OTHER THAN ID VERIFICATION	ADDS ID OF RECEIVER 119	NO ACTION OTHER THAN ID VERIFICATION	NO ACTION OTHER THAN ID VERIFICATION	ADDS ID OF RECEIVER 119	NO ACTION OTHER THAN ID VERIFICATION
GATEWAY III	NO-ACTION RE	NO-ACTION THAN	ADDS WIRELESS DESTINATION RI	ADDS WIRELESS NO DESTINATION AND ID THAN OF RECEIVER 119	ADDS ID OF THAN RECEIVER 119	NO-ACTION	NO-ACTION THAN
ORIGINATING PROCESSOR	ADDS INTERFACE (WIRELESS) DESTINATION AND DESTINATION PROCESSOR	ADDS INTERFACE (WIRELESS) DESTINATION AND ID OF RECEIVER 119	SESSOR	A ADDS DESTINATION PROCESSOR DES	ADDS DESTINATION PROCESSOR, OPERATOR POINTS TO DISPLAYED ICON, ORIGINATING PROCESSOR ADDS WIRELESS DESTINATION.	ADDS DESTINATION PROCESSOR, OPERATOR POINTS TO DISPLAYED ICON, ORIGINATING PROCESSOR ADDS WIRELESS DESTINATION.	ADDS DESTINATION PROCESSOR, OPERATOR POINTS TO DISPLAYED ICON, ORIGINATING PROCESSOR ADDS WIRELESS DESTINATION AND ID OF RECEIVER 119(BY COMPARING
ENTRY METHOD	~	۵	ო	4	5	9	2

